

Form PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV 10-95)		ATTORNEY'S DOCKET NUMBER 702-012058
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.48) 10/009105
INTERNATIONAL APPLICATION NO. PCT/NL00/00382	INTERNATIONAL FILING DATE 05.06.00 (June 05, 2000)	PRIORITY DATES CLAIMED 04.06.99 (June 04, 1999)
TITLE OF INVENTION DEVICE FOR SEPARATING A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL		
APPLICANT(S) FOR DO/EO/US Rombout Adriaan SWANBORN		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11. to 16. below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <ul style="list-style-type: none"> <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> A substitute specification. 15. <input type="checkbox"/> A change of power of attorney and/or address letter. 16. <input checked="" type="checkbox"/> Other items or information: <ul style="list-style-type: none"> a. WO 00/74815-Front Page with Abstract, Specification, Claims and Drawings (25 pp.) b. Republished WO 00/74815 with International Search Report (4 pp.) c. International Preliminary Examination Report and Annex (9 pp.) 		

04 DEC 2001

U.S. APPLICATION NO. (10 digits, see 37 CFR 1.5) 10/009105	INTERNATIONAL APPLICATION NO. PCT/NL00/00382	ATTORNEY'S DOCKET NUMBER 702-012058																
<p>17. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Search Report has been prepared by the EPO or JPO.....</td> <td style="width: 30%; text-align: right;">\$890.00</td> </tr> <tr> <td>International preliminary examination fee paid to USPTO (37 CFR 1.482)</td> <td style="text-align: right;">\$710.00</td> </tr> <tr> <td>No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....</td> <td style="text-align: right;">\$740.00</td> </tr> <tr> <td>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....</td> <td style="text-align: right;">\$1,040.00</td> </tr> <tr> <td>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4).....</td> <td style="text-align: right;">\$100.00</td> </tr> </table>		Search Report has been prepared by the EPO or JPO.....	\$890.00	International preliminary examination fee paid to USPTO (37 CFR 1.482)	\$710.00	No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....	\$740.00	Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....	\$1,040.00	International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4).....	\$100.00	CALCULATIONS PTO USE ONLY						
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ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 890.00																
<p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p>		\$ 130.00																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">NUMBER EXTRA</th> <th style="width: 25%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>24 - 20</td> <td>4</td> <td>X \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>4 - 3 =</td> <td>1</td> <td>X \$84.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$280.00</td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	24 - 20	4	X \$18.00	Independent claims	4 - 3 =	1	X \$84.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$ 0.00
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MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00															
TOTAL OF ABOVE CALCULATIONS =		\$ 1,176.00																
<p>Reduction of 1/2 for filing by small entity, if applicable. The above-identified applicants are entitled to claim Small Entity Status in the United States.</p>		\$ 1,176.00																
SUBTOTAL =		\$ 1,176.00																
<p>Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p>		\$ 0.00																
TOTAL NATIONAL FEE =		\$ 1,176.00																
<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31).</p>		\$ 0.00																
TOTAL FEES ENCLOSED =		\$ 1,176.00																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;"></td> <td style="width: 30%; text-align: center;">Amount to be: refunded</td> </tr> <tr> <td></td> <td style="text-align: center;">\$</td> </tr> <tr> <td></td> <td style="text-align: center;">charged</td> </tr> <tr> <td></td> <td style="text-align: center;">\$</td> </tr> </table>			Amount to be: refunded		\$		charged		\$									
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<p>a. <input checked="" type="checkbox"/> A check in the amount of \$1,176.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Assistant Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23-0650</u>. A duplicate copy of this sheet is enclosed.</p>																		
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>																		
<p>SEND ALL CORRESPONDENCE TO: Richard L. Byrne 700 Koppers Building 436 Seventh Avenue Pittsburgh, Pennsylvania 15219-1818 Telephone: (412) 471-8815 Facsimile: (412) 471-4094</p>																		
 SIGNATURE <u>Paul M. Reznick</u> NAME <u>33,059</u> REGISTRATION NUMBER <u></u>																		

10/009105

JC10 Rec'd 04 DEC 2001
PTO 04 DEC 2001
PATENT APPLICATION/PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

ATTORNEY'S DOCKET NUMBER

Rombout Adriaan SWANBORN

702-012058

PCT/NL00/00382

ENTITLED

**"DEVICE FOR SEPARATING A MIXTURE OF GAS
WITH LIQUID AND/OR SOLID MATERIAL"**

To **BOX PCT**
Attention: DO/EO/US

Commissioner for Patents
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" Label Number EL694387707US

Date of Deposit December 4, 2001

I hereby certify that the following attached papers or fees

**TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/
ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER
35 U.S.C. 371 (original and two (2) copies) and check in amount
of \$1,176.00 for filing fee and surcharge fee for late Declaration
LETTER RECOGNIZING ATTORNEYS
PRELIMINARY AMENDMENT with ABSTRACT
WO 00/74815 - FRONT PAGE WITH ABSTRACT, SPECIFICATION,
CLAIMS and DRAWINGS (25 pp.)
REPUBLISHED WO 00/74815 with International Search Report (4 pp.)
INTERNATIONAL PRELIMINARY EXAMINATION REPORT
with ANNEX (9 pp.)**

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Nora Ann Pastrick
(Typed name of person mailing paper or fee)

Nora Ann Pastrick
(Signature of person mailing paper or fee)

10/009105

PATENT APPLICATION NOV 2001
10 REC'D BY MAIL NOV 2001
Attorney's Docket No. 702-012058

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Rombout Adriaan SWANBORN : **DEVICE FOR SEPARATING A
MIXTURE OF GAS WITH LIQUID
AND/OR SOLID MATERIAL**
International Application :
No. PCT/NL00/00382 :
International Filing Date :
05 June 2000 :
Priority Date Claimed :
04 June 1999 :
Serial No. Not Yet Assigned :
Filed Concurrently Herewith :
Pittsburgh, Pennsylvania
December 4, 2001

LETTER RECOGNIZING ATTORNEYS

BOX PCT
Commissioner for Patents
Washington DC 20231

Sir:

Enclosed are appropriate papers for initiating the national phase of the above-identified PCT application, comprising a specification, claims and drawings. A Preliminary Amendment is also enclosed.

Please accept the application for purposes of granting a filing date and recognize Richard L. Byrne, Russell D. Orkin, Paul M. Reznick and Jessica M. Schroth, Registration Nos. 28,498, 25,363, 33,059 and 47,102, respectively, as attorneys in this application, pending the filing of a formal Declaration and Power of Attorney.

Kindly direct all communications relating to this application to **Richard L. Byrne**.

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON
ORKIN & HANSON, P.C.

By


Paul M. Reznick, Reg. No. 33,059
Attorney for Applicant
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Telephone: 412/471-8815
Facsimile: 412/471-4094